

WHAT IS CLAIMED IS:

1. A distributed simulation system comprising  
a plurality of computers each including a display unit,  
the computers being connected to one another via  
5 a network and loaded with event-driven application  
programs, respectively, and the programs each executing  
simulation by use of a common facility assuring an  
information transfer between a plurality of objects  
existing in a distributed environment, the distributed  
10 simulation system comprising:

an interface unit configured to interface  
with respect to a user by receiving an operation  
corresponding to the user's will; and

15 a notifying unit configured to notify the  
application programs of the operation received via  
the interface unit as an event.

2. The distributed simulation system according to  
claim 1, further comprising

20 a display control unit configured to display on  
the display unit a symbol acting as an interface for  
receiving an operation corresponding to the user's  
will, wherein

the interface unit accepts the user's operation  
making use of the symbol displayed on the display unit.

25 3. The distributed simulation system according to  
claim 2, wherein the display control unit reflects the  
result of the notifying of the event to the application

programs in the contents displayed on the display units of said plurality of computers.

4. The distributed simulation system according to any one of claim 1, wherein the simulation is realized under RTI (Run-time Infrastructure) for executing each service determined in HLA (High Level Architecture) interface specifications.

5 5. The distributed simulation system according to claim 4, wherein the simulation is realized as a federation which includes, as federates, a plurality 10 of nodes and a plurality of links connecting these nodes to form a network.

6. The distributed simulation system according to claim 5, wherein

15 said plurality of nodes include power stations generating electric power and receivers who receive the electric power,

20 said plurality of links are power lines for supplying the electric power from the power station to the receiver, and

the federation is a simulation which simulates a route for supplying electric power from the power stations to the receivers via the power line.

25 7. The distributed simulation system according to claim 6, wherein the federation further includes elements constituting the power stations as the federates.